



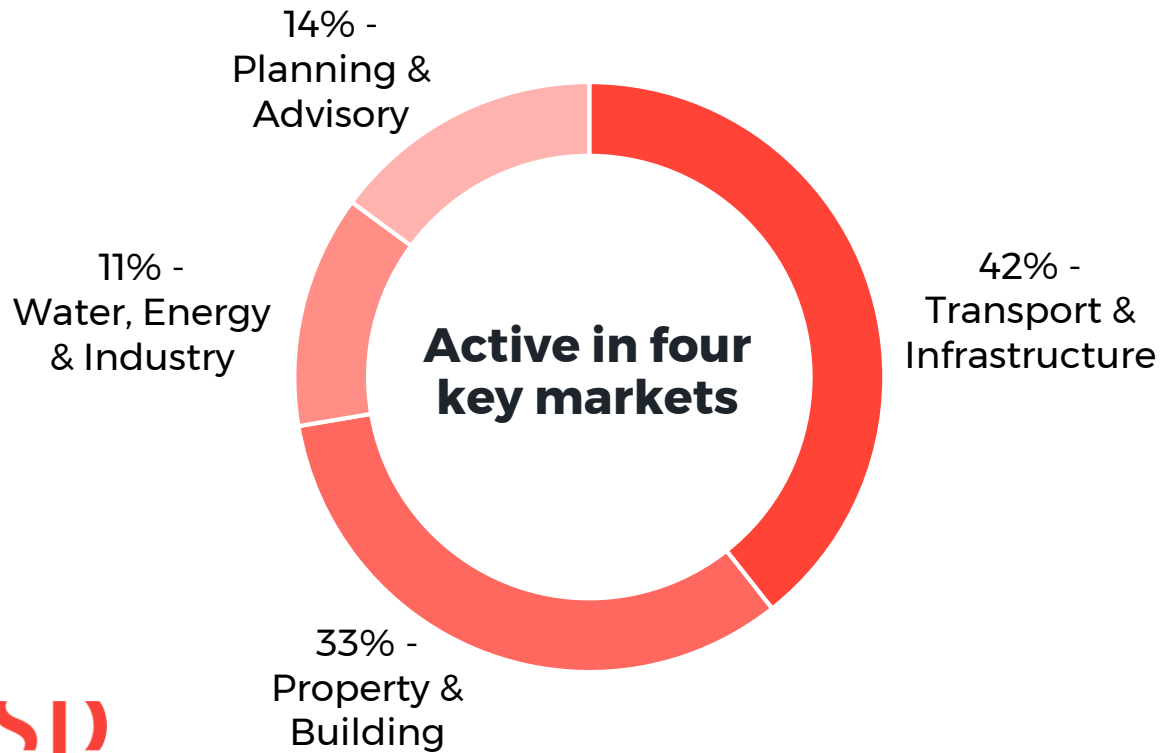
# Making our world FUTURE READY

Stephanie Barton

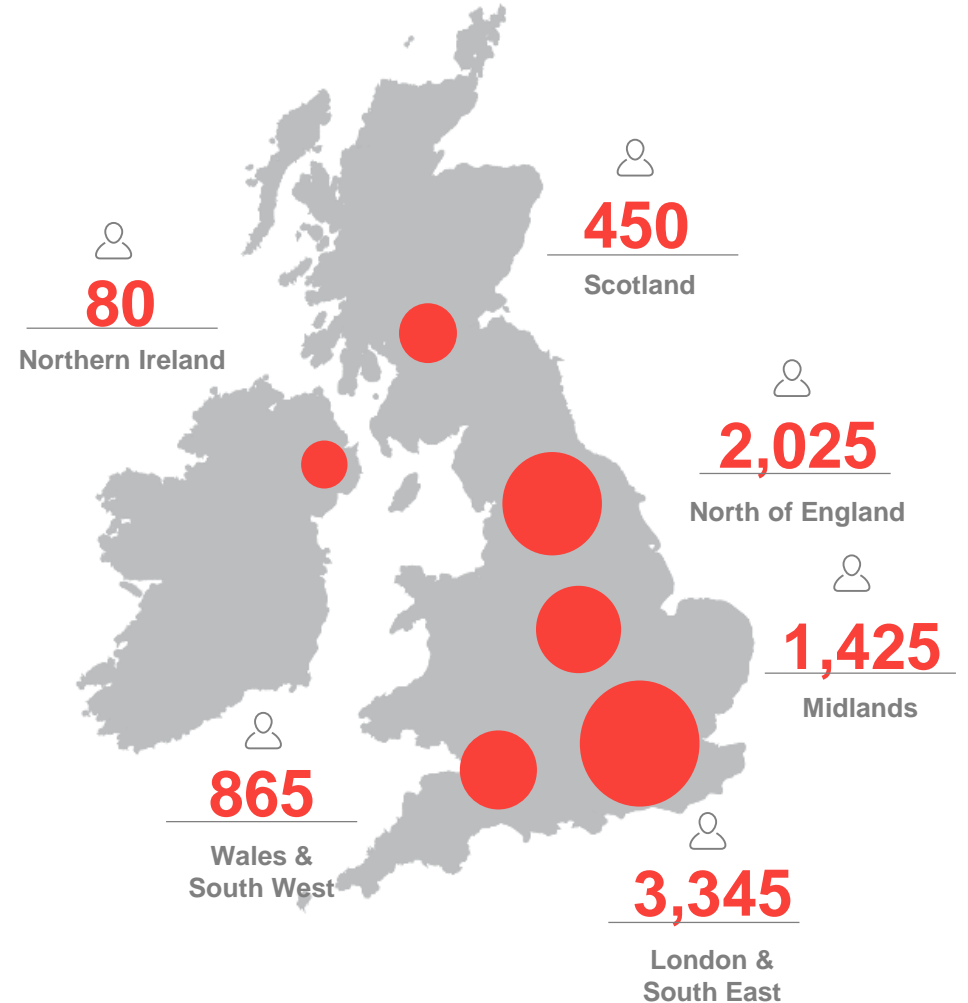


# WSP IN THE UK

From our local beginnings over **130 years ago**, everything we do has enabled us to better **fulfil our purpose** of preparing our communities and **environment for the future**.



**8200 employees in the UK over 60 offices**





The advice and designs that we provide are there for the **long term**





**What does the future** *look like for transport?*

# 1. Planning for **future weather** is essential



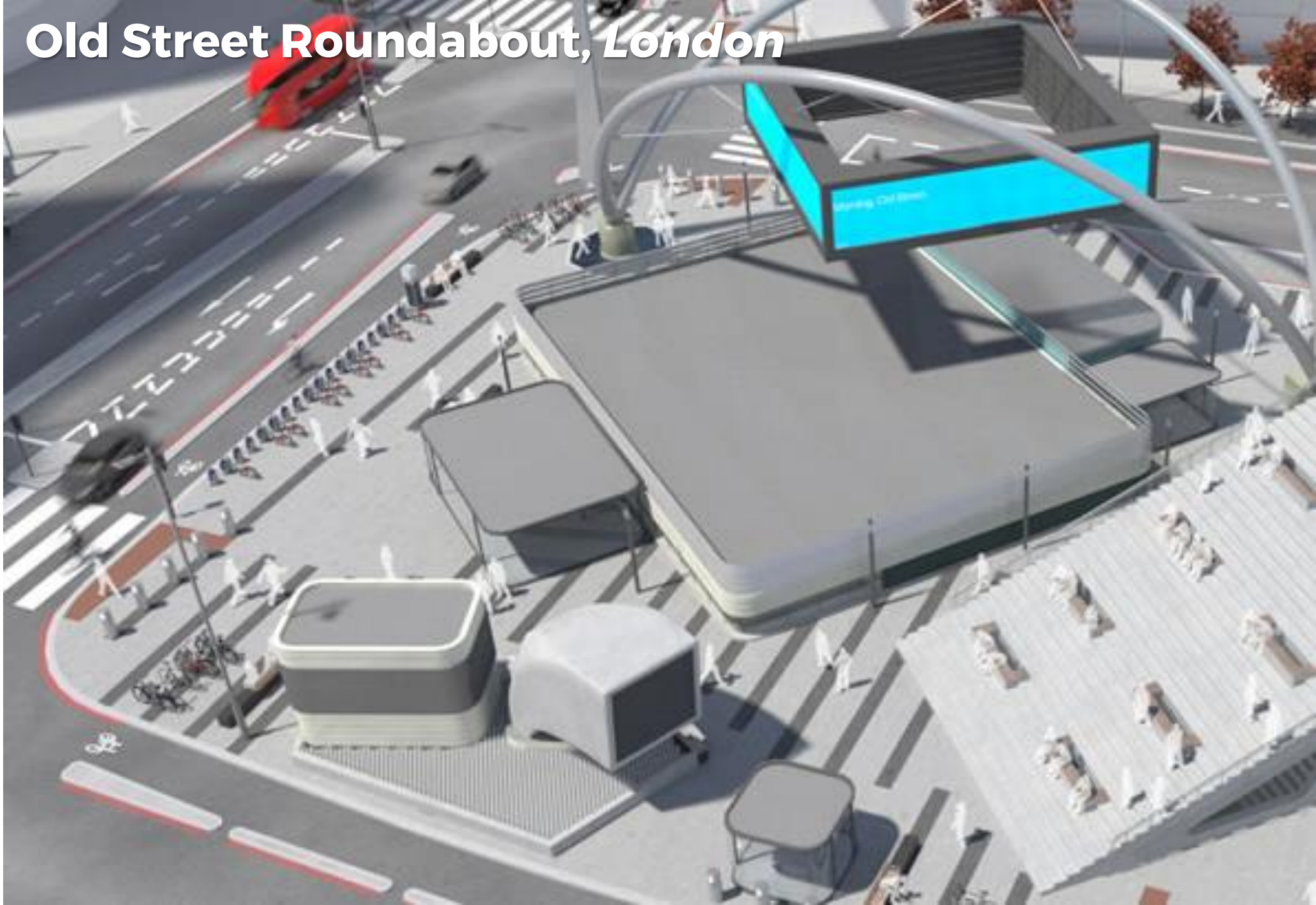
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# Old Street Roundabout, London







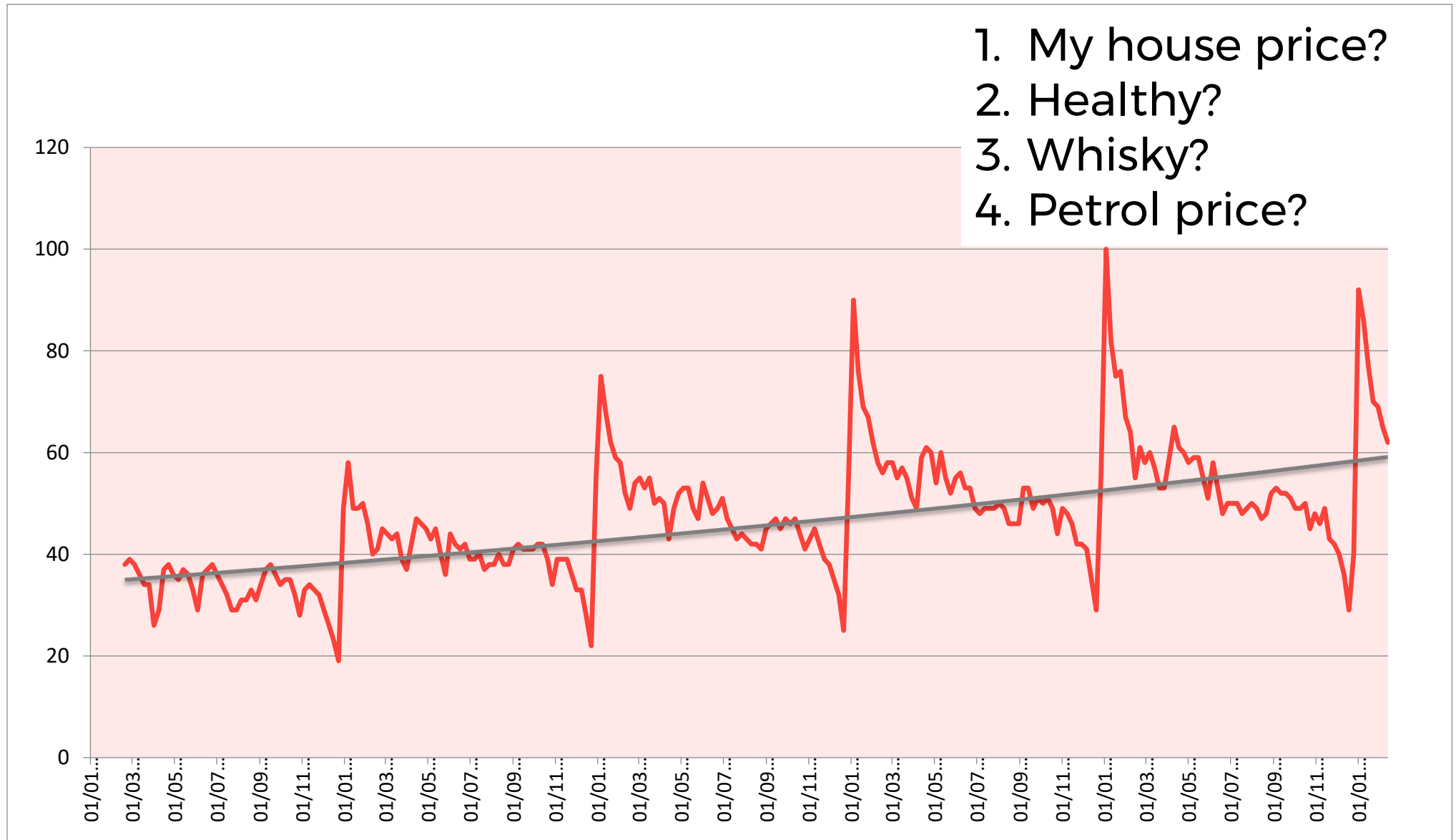
**What does the future** *look like for transport?*

## **2. Future society has different needs and expectations**



# This graph tracks UK google searches for what?

1. My house price?
2. Healthy?
3. Whisky?
4. Petrol price?





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**Poundbury, Dorset**

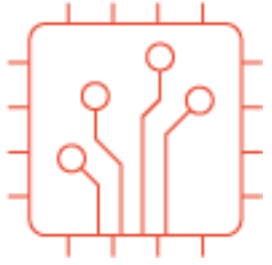




**What does the future** *look like for transport?*

**3. Technology  
will cause a  
fundamental  
shift**



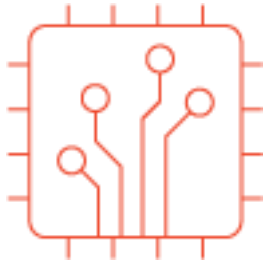


# Trans-Pennine Tunnel, *UK*



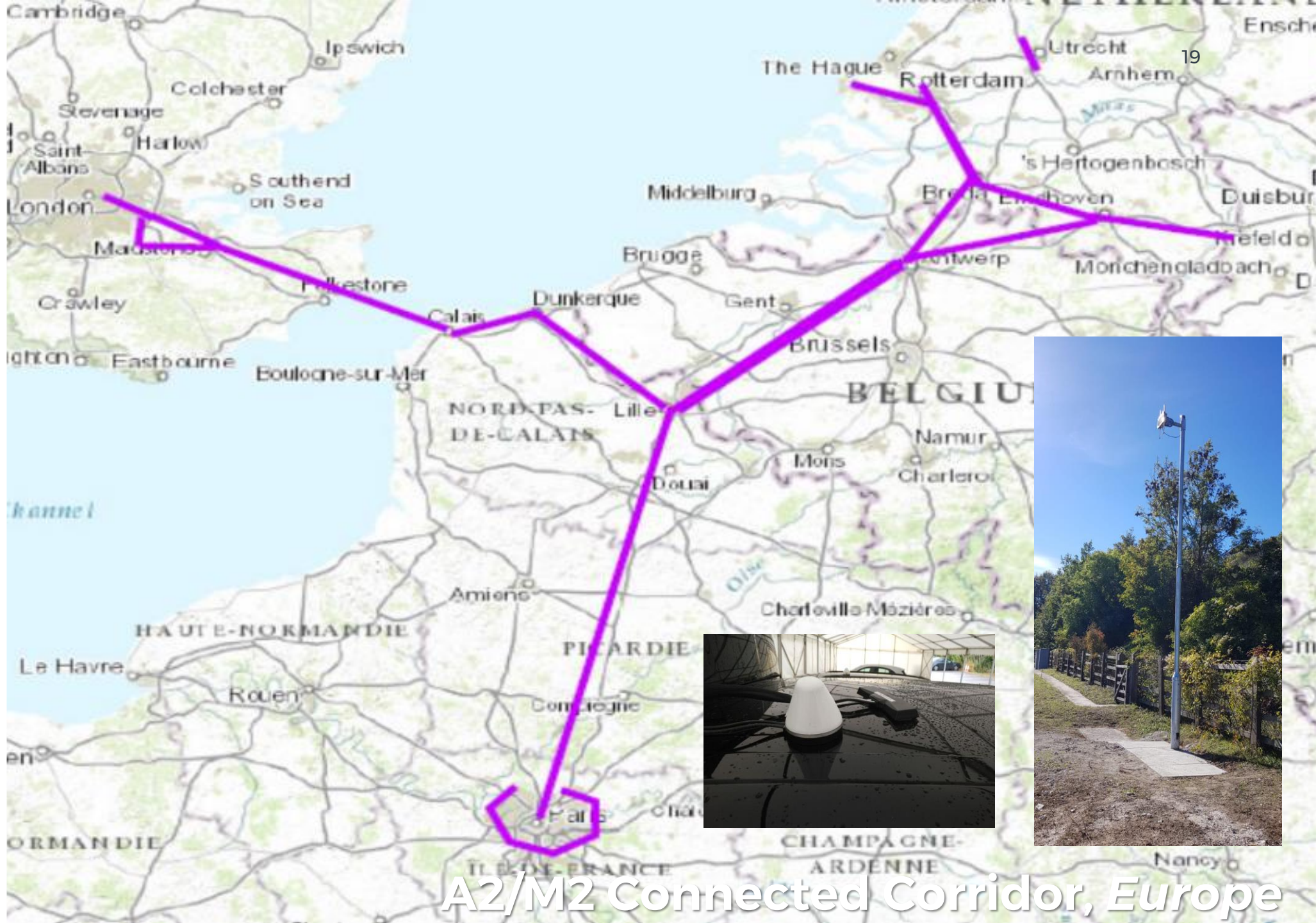
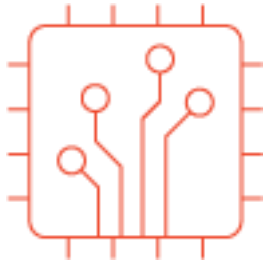






M City, Michigan





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A2/M2 Connected Corridor, *Europe*



**What does the future** *look like for transport?*

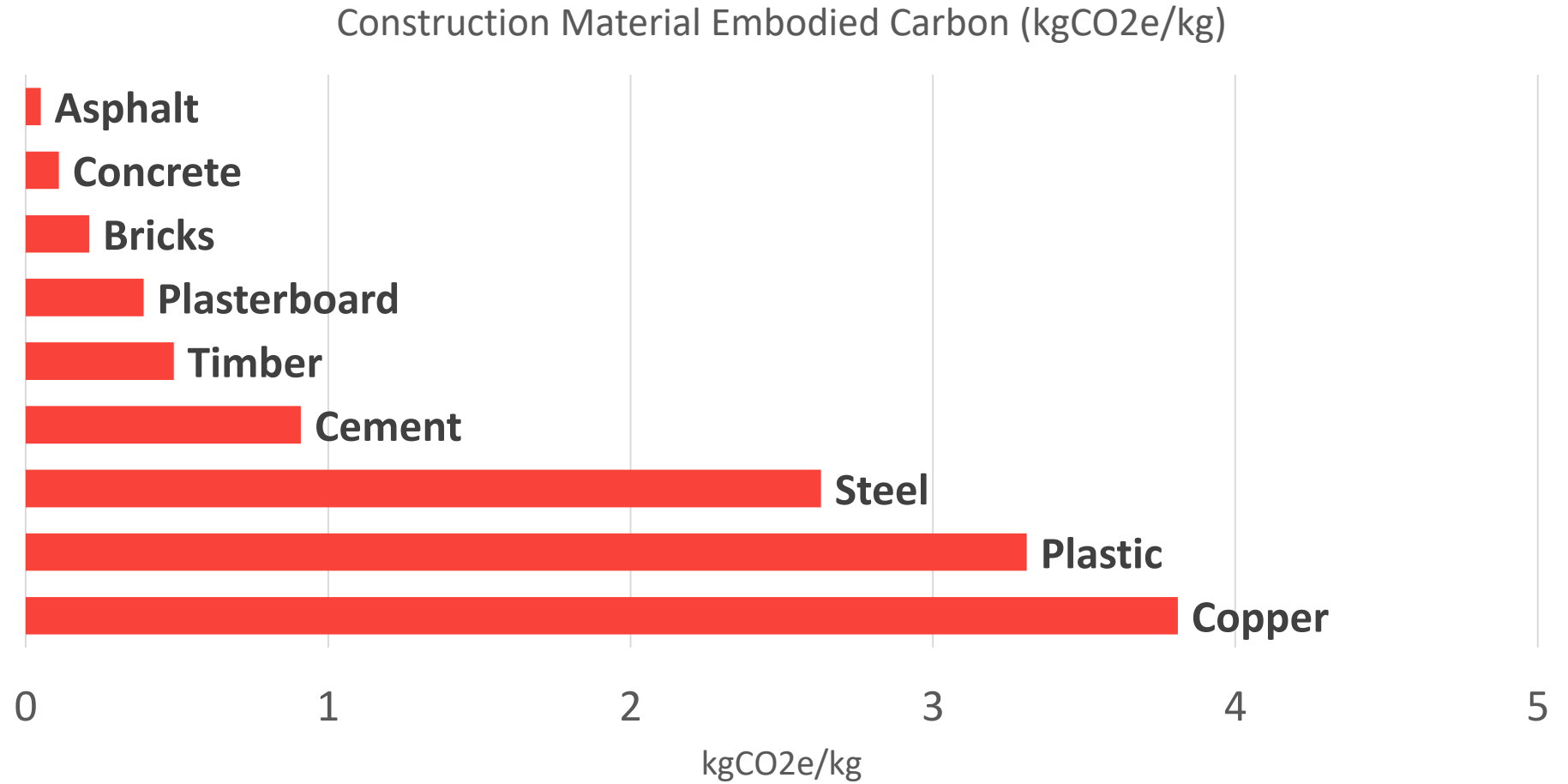
# **4. Resources are a key consideration**



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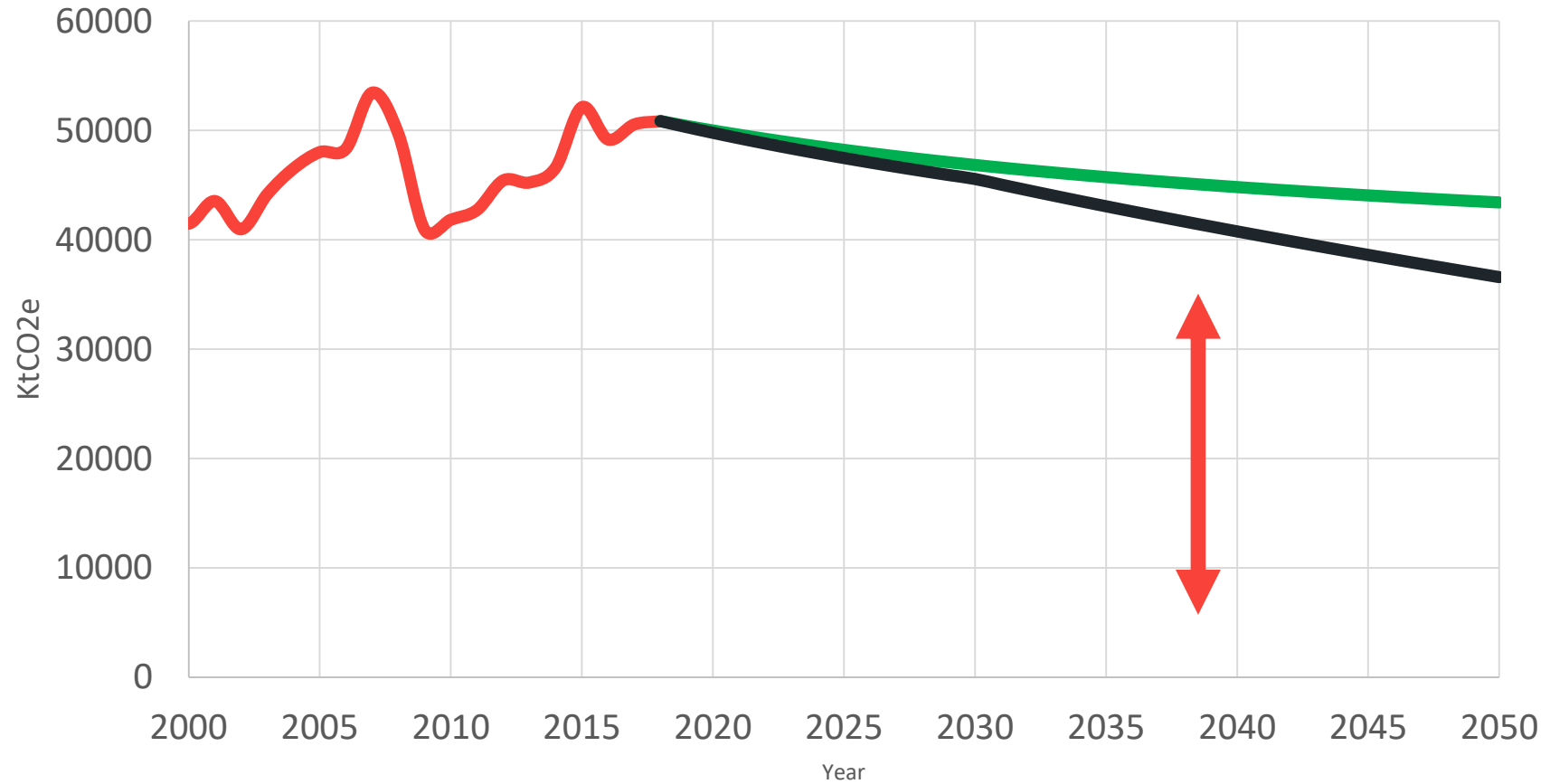


# Highway construction emits large amounts of greenhouse gases





# Construction carbon emissions reduce, but are still far from zero by 2045



Historic Emissions

Improvements in Resource Productivity

Uptake in Low Carbon Vehicles



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**Isle of Wight Highways PFI scheme**





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**Chilworth Roundabout, UK**



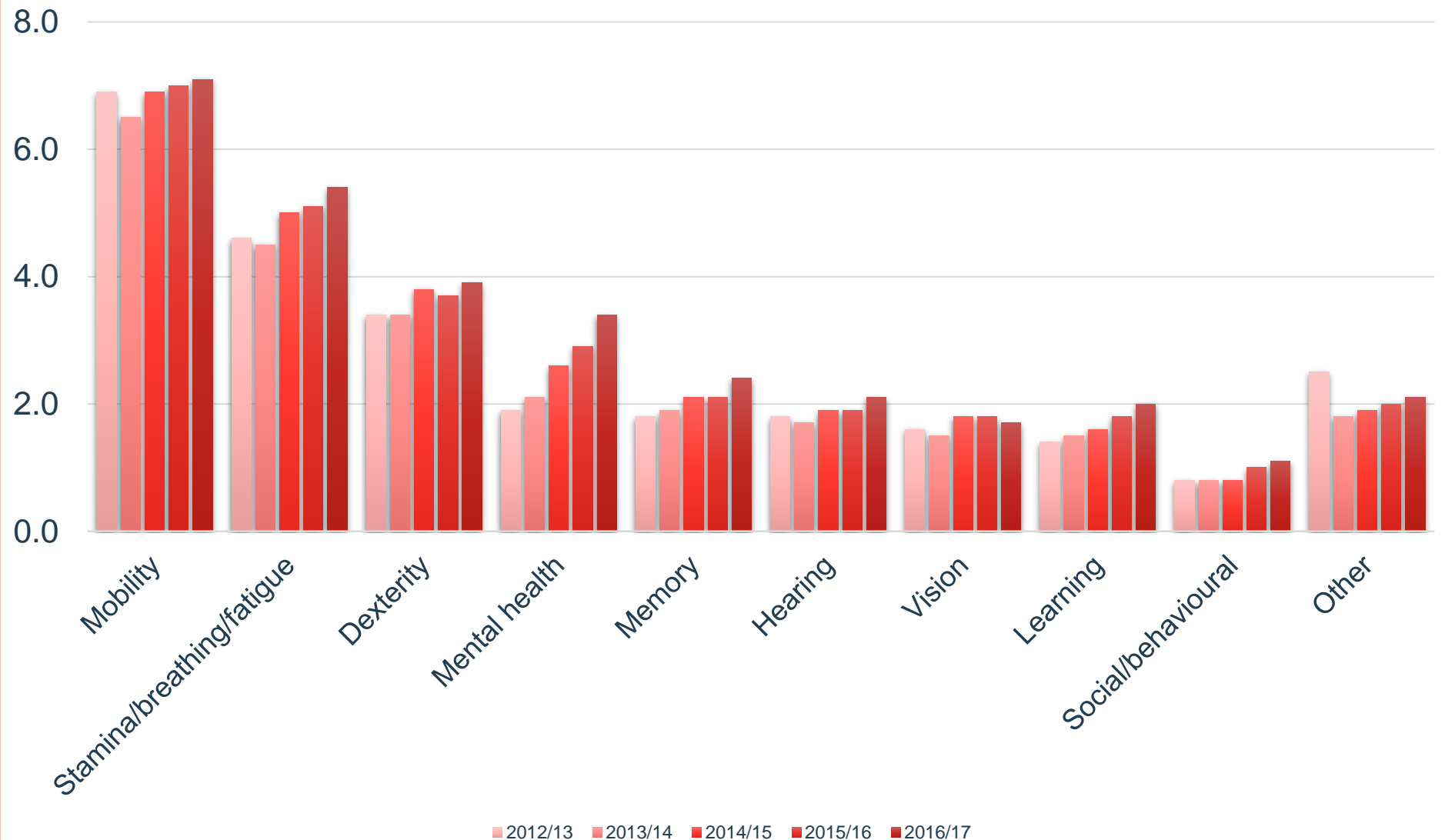
**What does the future** *look like for transport?*

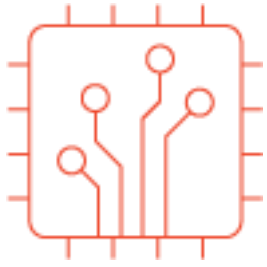
# **Emerging** **trends**

# Growing mental health disabilities



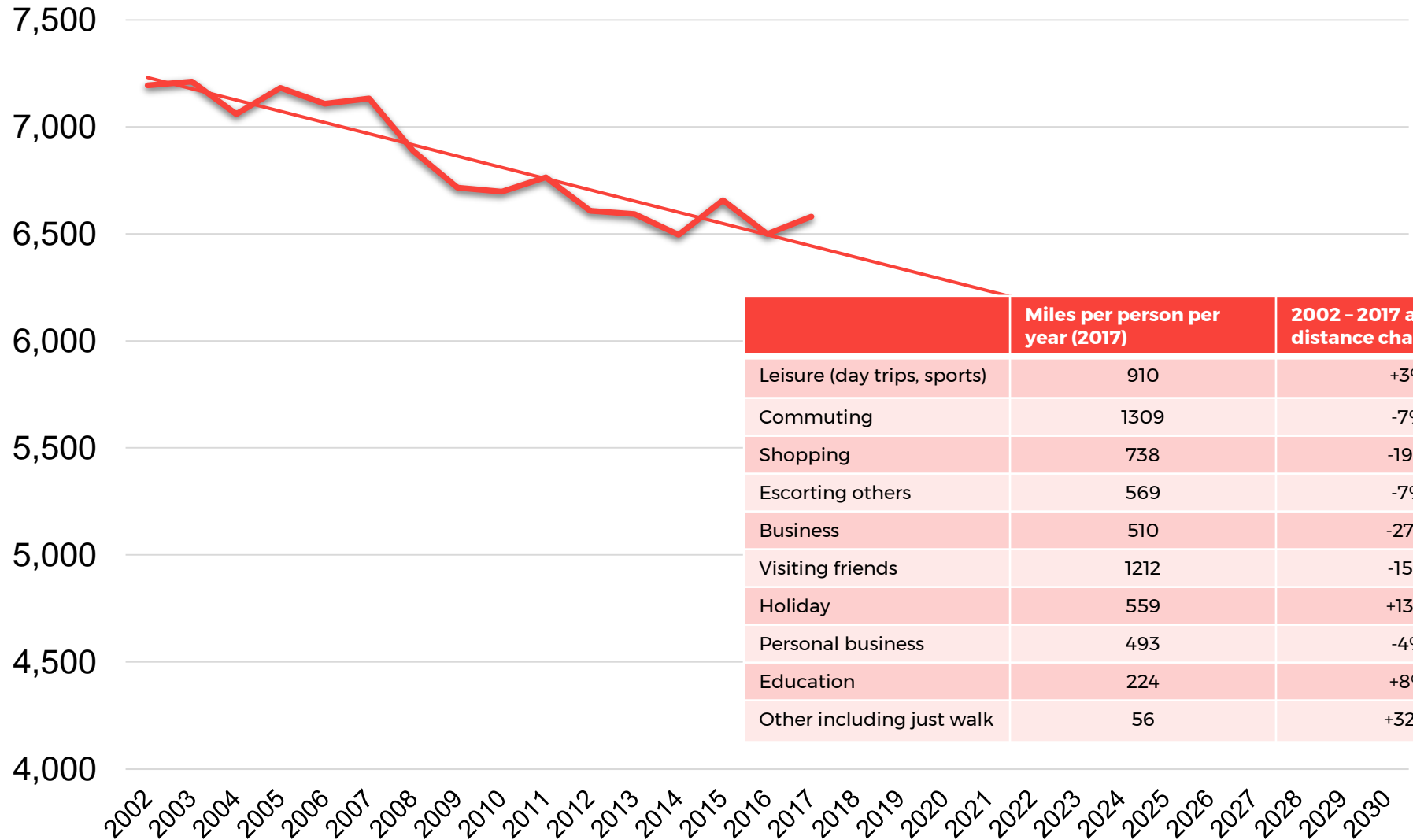
*UK Impairment types reported by disabled people 2012/13 - 2016/17*

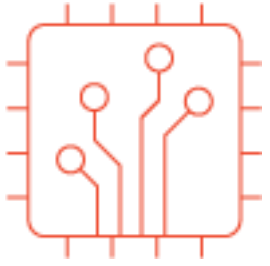




# Travelling less, and for different reasons

## Total distance travelled per UK person per year (miles)







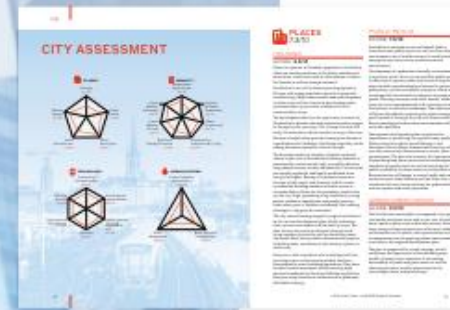
**What does the future** *look like for transport?*

**Leading in  
innovation with  
research &  
development**

# 2018 WSP GLOBAL CITIES INDEX

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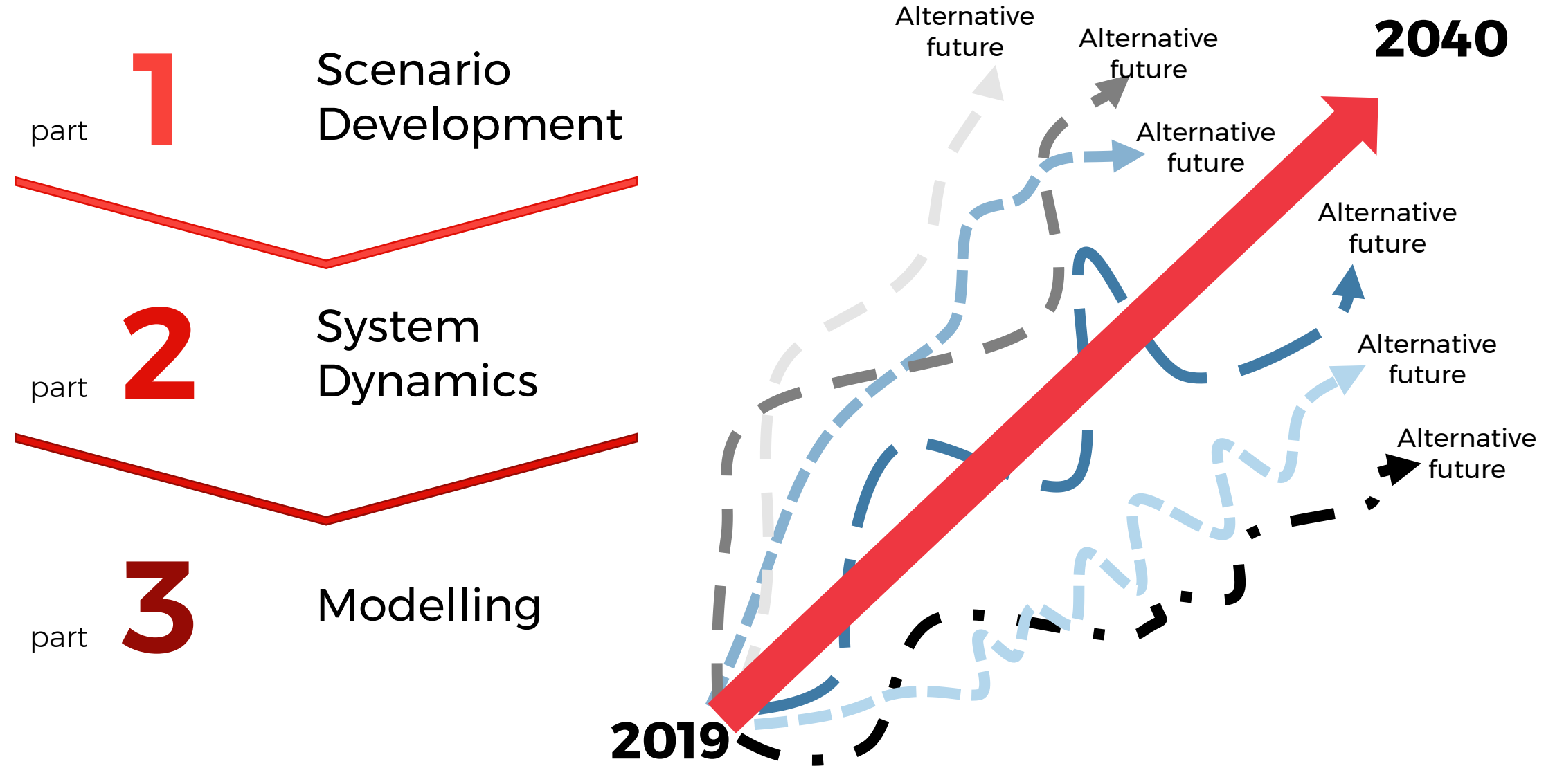
Can we design a place where our friends, families and neighbours can thrive?  
*What if we can?*







# Decision-Making for Alternative Futures





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